

APPENDIX K
**Utility and Service Systems
Correspondence**

Steele, Noelle

From: Garcia, Rita
Sent: Friday, April 14, 2017 9:36 AM
To: emarquez@riversideca.gov
Cc: Steele, Noelle
Subject: City of Riverside 2014-2021 Housing Element Update Environmental Impact Report
Attachments: Wastewater Questionnaire - Riverside Public Works.pdf; NOP Packet_041017.pdf

To Mr. Marquez,

Michael Baker International (Michael Baker) has been contracted by the City of Riverside to prepare an Environmental Impact Report (EIR) for the 2014-2021 Housing Element Update (Project). Michael Baker is seeking your input/response, to be incorporated into the EIR, concerning services provided by your agency/company. A questionnaire (attached to this email) identifies relevant issues to be addressed in the EIR.

The Project involves updating the City of Riverside Housing Element, one of 12 City of Riverside General Plan Elements. The Housing Element identifies and analyzes existing and projected housing needs, and articulates the City's official policies for preservation, conservation, improvement, and production of housing within the City. The Project would involve General Plan land use amendments/zone changes to as many as 395 acres (303 parcels). If approved, the Project would allow for the development of as many as 11,675 dwelling units (DU) and as much as 7.2 million square feet (SF) of non-residential land uses. The residential uses (approximately 66 DU) and non-residential uses (1.3 million SF) located on the candidate sites would be replaced by the proposed residential and mixed uses. Overall, Project implementation is anticipated to result in a net increase of as many as 11,649 DU and as much as 5.9 million SF of non-residential uses over existing conditions. Additional Project characteristics are provided in the attached Notice of Preparation Packet.

We would greatly appreciate your assistance and cooperation in providing your responses and the information specified in the attached questionnaire. Please provide your written response on agency letterhead. In order for the consultant team to maintain the Project's schedule, your written response by April 26, 2017 would be appreciated. For your convenience, you may fax your response to 949.837.4122 or email to rgarcia@mbakerintl.com.

If you have any questions or require additional information, please do not hesitate to contact me at 949.472.3454 or at rgarcia@mbakerintl.com.

Sincerely,

Rita Garcia | Technical Manager

Planning/Environmental Sciences | Michael Baker International

****Please make note of my new address. Our telephone numbers will remain unchanged.****

5 Hutton Centre Drive, Suite 500 | Santa Ana | CA | 92707

o: 949.742.3505 | d: 949.472.3454 | c: 714.345.7482

Rgarcia@mbakerintl.com | www.mbakerintl.com



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Gonzalez, Alicia

From: Marquez, Ernest <EMarquez@riversideca.gov>
Sent: Tuesday, August 01, 2017 11:43 AM
To: Garcia, Rita
Cc: Gonzalez, Alicia
Subject: RE: [External] FW: City of Riverside 2014-2021 Housing Element Update Environmental Impact Report
Attachments: Vol3_Ch4_Fig_4-1_Existing_WW_Collect_R.cleaned.pdf

Rita,

Below are some of the answers to the questions:

1. Please indicate any existing sewer facilities on/near the candidate sites.
 - a. Please see the attached figure that shows the locations of the existing sewer collection system. For a more detailed correlation between the identified development locations and the wastewater collection system infrastructure, we would need the GIS file to overlay the sites vs. the collection system. This would require a substantial effort to fully evaluate.
2. What is the Project's estimated wastewater generation based upon the information provided?
 - a. Approximately 2 MGD annual average and 6 MGD peak wet weather flow. This is based on assuming a net increase of 11,649 dwelling units, average of 2.3 people per dwelling unit, and annual average of 75 gallons per person (~2 million gallons per day). Assuming a conservative peaking factor 3 to account for daily fluctuations in wastewater generation, results in 6 MGD peak.
3. Would the project implementation present a significant increase in service demand?
 - a. Assuming the flows in question number 2 and that all 11,715 units are being developed under the proposed plan, yes there is potential for a significant impact.
4. Does the wastewater treatment provider, which serves or may serve the Project area, have adequate capacity to treat the Project's wastewater generation, in addition to their existing commitments?
 - a. Assuming the flows in question 2 are correct, the net flow and loadings to the RWQCP increase by about 5% due to this proposed plan. While the treatment facilities currently have adequate capacity to treat the plan's wastewater generation, this proposed plan may speed up the need for CIP upgrades to treatment technologies.
5. Does your agency impose assessment fees as required/recommended mitigation for potential Project Impacts.
 - a. To be answered by City of Riverside. Unknown at this time.
6. Is there any other relevant information regarding potential Project impacts.
 - a. Not at this time. The City's wastewater system managers and operations staff are currently in the process of updating the City's wastewater master plan that will evaluate impacts related to potential growth. The project team has not drawn conclusions related to potential impacts to the collection system related to growth as of yet.

Ernest P. Marquez., Jr. PE
Principal Engineer
City of Riverside
PW's-WQCP
5950 Acorn Street
Riverside, CA. 92504
951-826-5409 (Office)
951-318-5863 (Cell)
emarquez@riversideca.gov

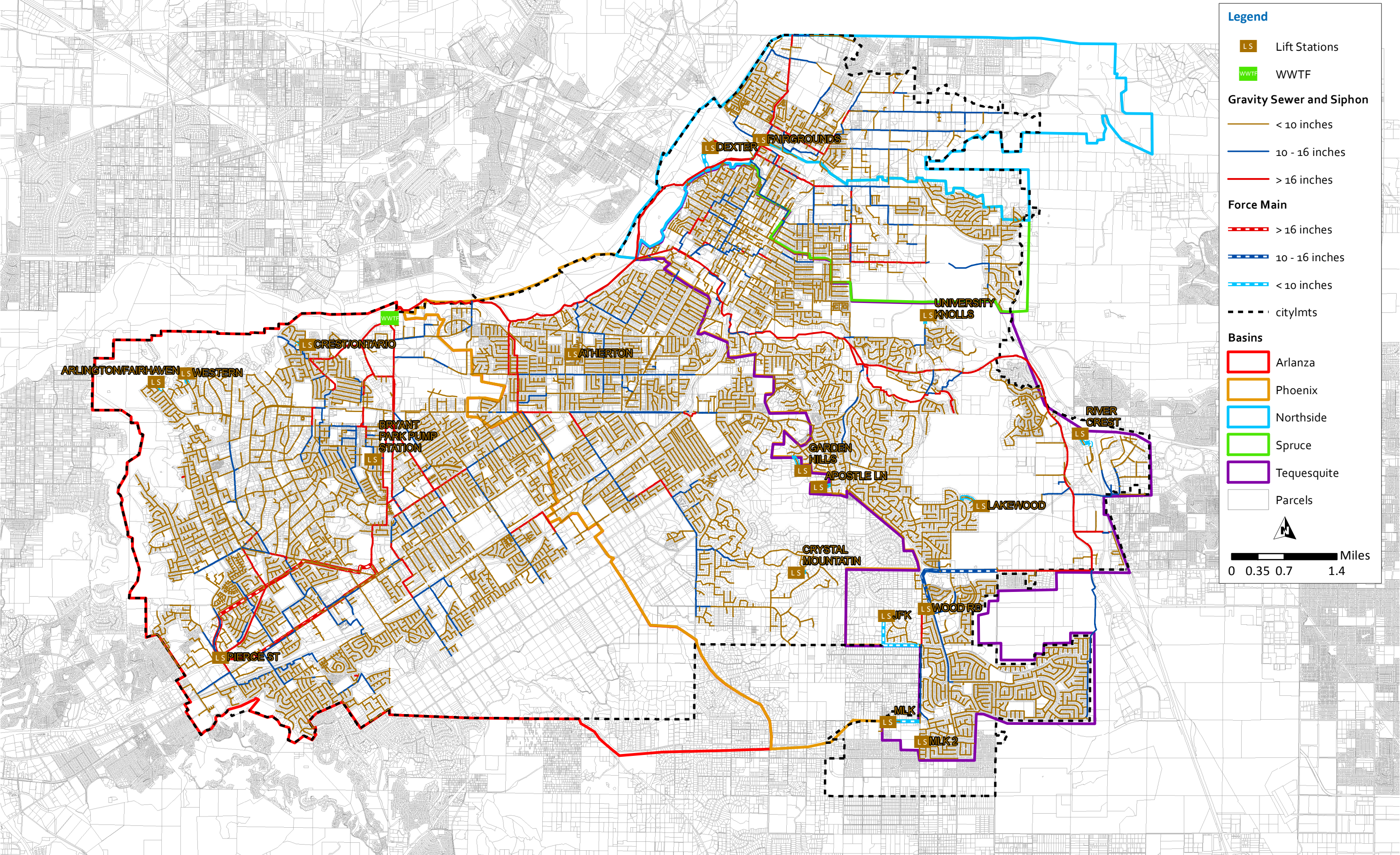


Figure 4.1 Existing Wastewater Collection System and Sewer Service Area

Steele, Noelle

From: Garcia, Rita
Sent: Friday, April 14, 2017 9:33 AM
To: dkawaii@wmwd.com
Cc: Steele, Noelle
Subject: City of Riverside 2014-2021 Housing Element Update Environmental Impact Report
Attachments: NOP Packet_041017.pdf; Water Service Questionnaire - Western Municipal.pdf

To Mr. Kawaii,

Michael Baker International (Michael Baker) has been contracted by the City of Riverside to prepare an Environmental Impact Report (EIR) for the 2014-2021 Housing Element Update (Project). Michael Baker is seeking your input/response, to be incorporated into the EIR, concerning services provided by your agency/company. A questionnaire (attached to this email) identifies relevant issues to be addressed in the EIR.

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If you have any questions or require additional information, please do not hesitate to contact me at 949.472.3454 or at rgarcia@mbakerintl.com.

Sincerely,

Rita Garcia | Technical Manager

Planning/Environmental Sciences | Michael Baker International

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**WATER SERVICE QUESTIONNAIRE
CITY OF RIVERSIDE 2014 – 2021 HOUSING ELEMENT UPDATE
ENVIRONMENTAL IMPACT REPORT**

Pursuant to CEQA Guidelines Appendix G, *Environmental Checklist Form*, the EIR is required to consider the following in assessing potential Project impacts:

- *Would the Project require or result in the construction of new water infrastructure or water treatment facilities or expansion of existing infrastructure/facilities, the construction of which could cause significant environmental effects?*
- *Would the Project have sufficient water supplies available to serve the Project from existing entitlements and resources, or are new or expanded entitlements needed?*

Please respond to the following questions on your agency/company letterhead, providing as much information as possible (necessary to evaluate potential Project impacts).

1. Please indicate any existing water facilities on/near the candidate sites.

See FTP link in email 2

2. Does the City have a water recycling program?

See FTP link in email 2

3. What is the City's current and projected water demand and supply; annual use in acre-feet; daily flow in cubic feet per second (cfs); and peak demand in million gallons per day (MGD)?

See FTP link in email 2

4. What is the Project's anticipated water demand based on the information provided?

The project locations within Western's service area indicate a total of 1,786 dwelling units, 266 dwelling units re-zoned for mixed use and 1,520 dwelling units re-zoned for multi-family. Until we know the specific type of development, it is difficult to estimate water demands. At the time of development, Western will coordinate with the project proponent on estimated water demands.

5. What is the current rate of local groundwater extraction and existing groundwater quality? Will the proposed Project have an impact on groundwater quality?

Currently, Western does not extract local groundwater for the project locations. However, Western is provided local groundwater supplies from Riverside Public Utilities (RPU). Please coordinate with RPU for any information on potential local groundwater quality impacts.

6. Will the proposed Project require new water facilities or additions to existing facilities? If so, please describe the new facilities or modifications to existing facilities.

The proposed project would likely not require new water facilities or modifications above normal developer supplied improvements. The project area has been analyzed in our 2014 North Facilities Area Master Plan (attached) and the proposed zone changes will not have a significant effect on our existing and proposed system. As the areas develop and formal plans are submitted to the district a more thorough analysis can be prepared. All projects will be subject to fees in effect at the time each site develops.

7. Are there sufficient water supplies available to serve the Project from existing entitlement and resources, or are new or expanded entitlement needed?

Western has the ability to obtain sufficient water supplies to serve the project, however, pending on the timing development actually occurs, there may be a need for additional supplies to be acquired.

8. Is there any other relevant information regarding the Project's potential significant effects?

None.

Steele, Noelle

From: Garcia, Rita
Sent: Friday, April 14, 2017 9:34 AM
To: sambitom@emwd.org
Cc: Steele, Noelle
Subject: City of Riverside 2014-2021 Housing Element Update Environmental Impact Report
Attachments: NOP Packet_041017.pdf; Water Service Questionnaire - Eastern Muncipal.pdf

To Ms. Sambito,

Michael Baker International (Michael Baker) has been contracted by the City of Riverside to prepare an Environmental Impact Report (EIR) for the 2014-2021 Housing Element Update (Project). Michael Baker is seeking your input/response, to be incorporated into the EIR, concerning services provided by your agency/company. A questionnaire (attached to this email) identifies relevant issues to be addressed in the EIR.

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If you have any questions or require additional information, please do not hesitate to contact me at 949.472.3454 or at rgarcia@mbakerintl.com.

Sincerely,

Rita Garcia | Technical Manager

Planning/Environmental Sciences | Michael Baker International

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We Make a Difference



4/26/2017

Rita Garcia, Technical Manager
Michael Baker International
5 Hutton Center Drive, Suite 500
Santa Ana, CA 92707

Subject: City of Riverside 2014-2021 Housing Element Update Environmental Impact Report

Dear Ms. Garcia:

On behalf of Maria Sambito, Director of the New Business Department, this letter is in response to your e-mail inquiry, dated 4/14/2017, concerning the above-noted subject. Accordingly, please find below, EMWD's answers to the questionnaires which you provided.

(Beginning of Questionnaire)

Pursuant to CEQA Guidelines Appendix G, *Environmental Checklist Form*, the EIR is required to consider the following in assessing potential Project impacts:

- *Would the Project require or result in the construction of new water infrastructure or water treatment facilities or expansion of existing infrastructure/facilities, the construction of which could cause significant environmental effects? **EMWD's answer: No, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***
- *Would the Project have sufficient water supplies available to serve the Project from existing entitlements and resources, or are new or expanded entitlements needed? **EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***

Please respond to the following questions on your agency/company letterhead, providing as much information as possible (necessary to evaluate potential Project impacts).

Board of Directors
Randy A. Record *President* David J. Slawson *Vice President* Joseph J. Kuebler *CPA, Treasurer* Philip E. Paule Ronald W. Sullivan

2270 Trumble Road • P.O. Box 8300 • Perris, CA 92572-8300
T 951.928.3777 • F 951.928.6177 emwd.org

1. Please indicate any existing water facilities on/near the candidate sites.
 - a. ***EMWD's answer: Please see Attachment D, for nearest EMWD pipeline facilities, which are about 9,700 feet away (straight line measurement). Please reference the enclosed Attachments A through D.***
2. Does the City have a water recycling program?
 - a. ***EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***
3. What is the City's current and projected water demand and supply; annual use in acre-feet; daily flow in cubic feet per second (cfs); and peak demand in million gallons per day (MGD)?
 - a. ***EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***
4. What is the Project's anticipated water demand based on the information provided?
 - a. ***EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***
5. What is the current rate of local groundwater extraction and existing groundwater quality? Will the proposed Project have an impact on groundwater quality?
 - a. ***EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***
6. Will the proposed Project require new water facilities or additions to existing facilities? If so, please describe the new facilities or modifications to existing facilities.
 - a. ***EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***
7. Are their sufficient water supplies available to serve the Project from existing entitlement and resources, or are new or expanded entitlement needed?
 - a. ***EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.***
8. Is there any other relevant information regarding the Project's potential significant effects?
EMWD's answer: Not applicable, the project is not located within EMWD's service area. Please reference the enclosed Attachments A through D.

(End of Questionnaire)

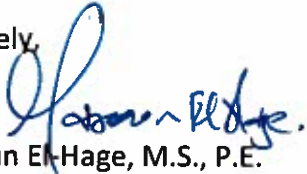
Ms. Rita Garcia

April 26, 2017

Page 3

If you have questions or concerns, please do not hesitate to contact me at (951) 928-3777, extension 4468 or by e-mail at El-hagem@emwd.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "Maroun El-Hage".

Maroun El-Hage, M.S., P.E.
Senior Civil Engineer
New Business Department
Eastern Municipal Water District

cc: Maria Sambito, P.E.

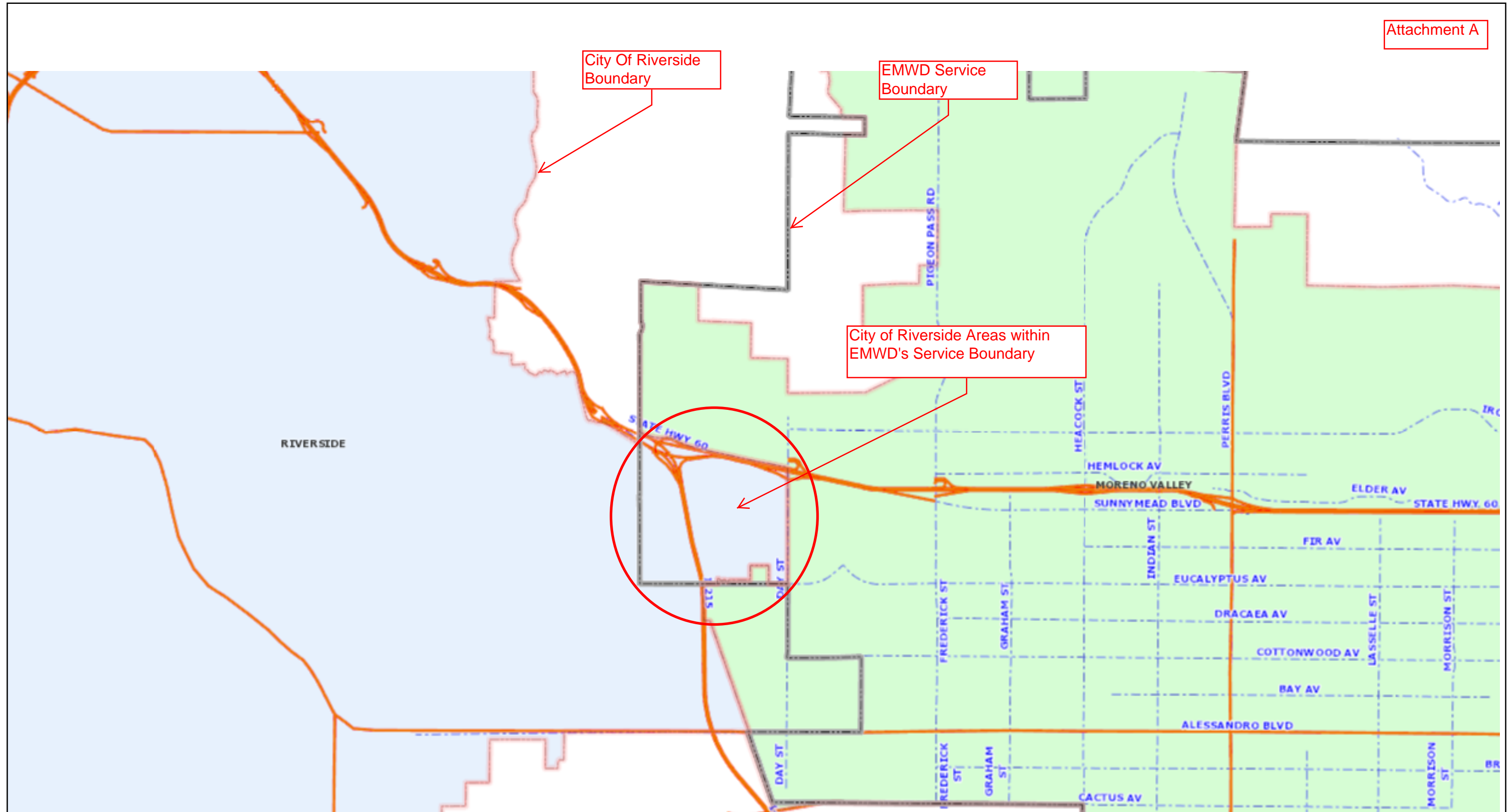
MEH

Attachment A: Jurisdictional Boundaries

Attachment B: Local Vicinity Map

Attachment C: Ward 4

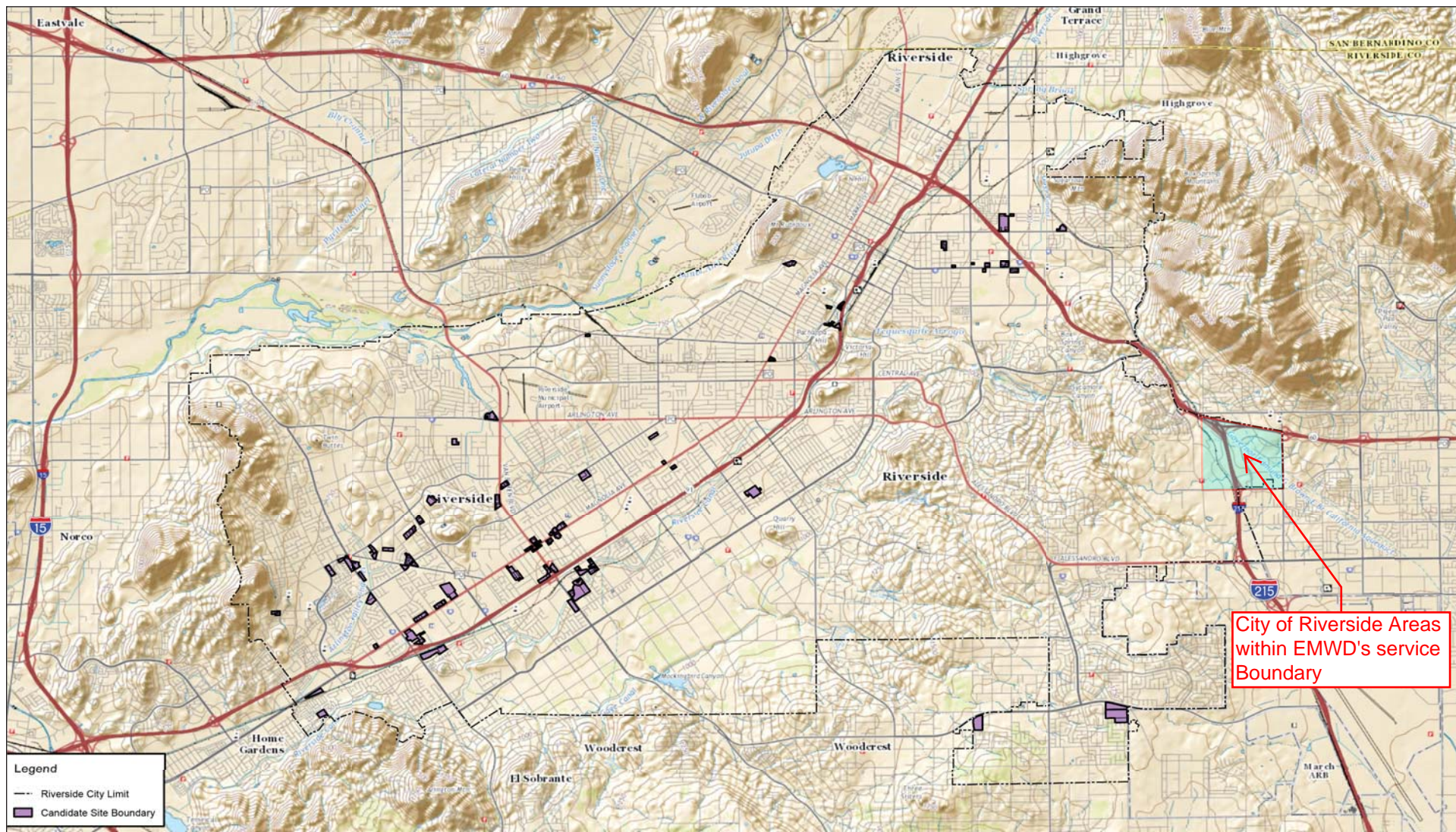
Attachment D: Nearest EMWD Facilities



DISCLAIMER

Time of plot : 4/20/2017 7:12:55 PM

LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. ACTUAL LOCATIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. EASTERN MUNICIPAL WATER DISTRICT ASSUMES NO LIABILITY FOR ANY DAMAGE AND/OR EXPENSE RESULTING FROM INADEQUATE VERIFICATION.



Source: City of Riverside, ESRI.

NOT TO SCALE

Michael Baker
INTERNATIONAL

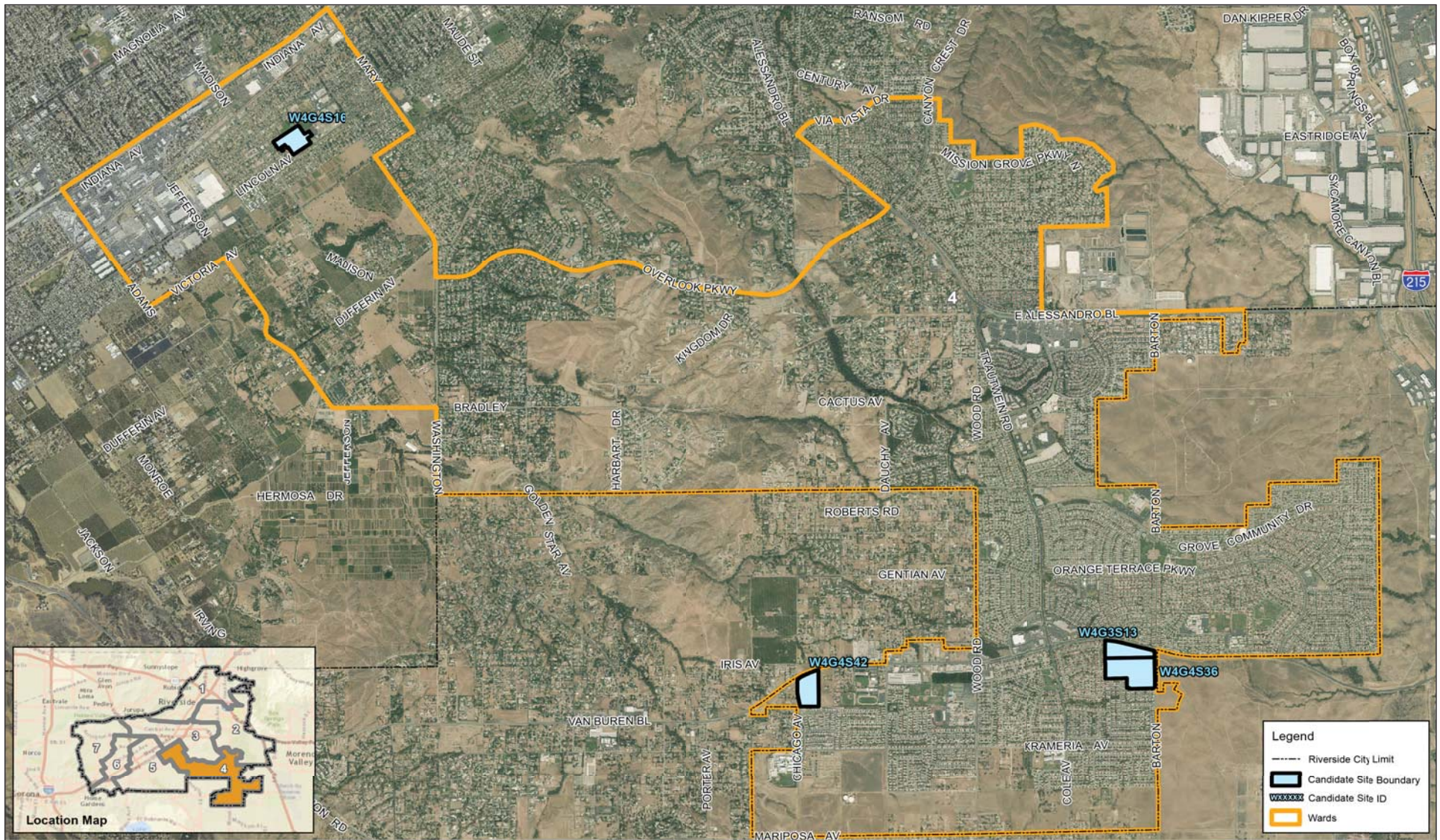


04/17 | JN 158820

CITY OF RIVERSIDE 2014 - 2021 HOUSING ELEMENT UPDATE
PROJECT INFORMATION PACKET AND ENVIRONMENTAL CHECKLIST

Local Vicinity Map

Exhibit 2



Source: City of Riverside, Eagle Aerial, ESRI.

NOT TO SCALE

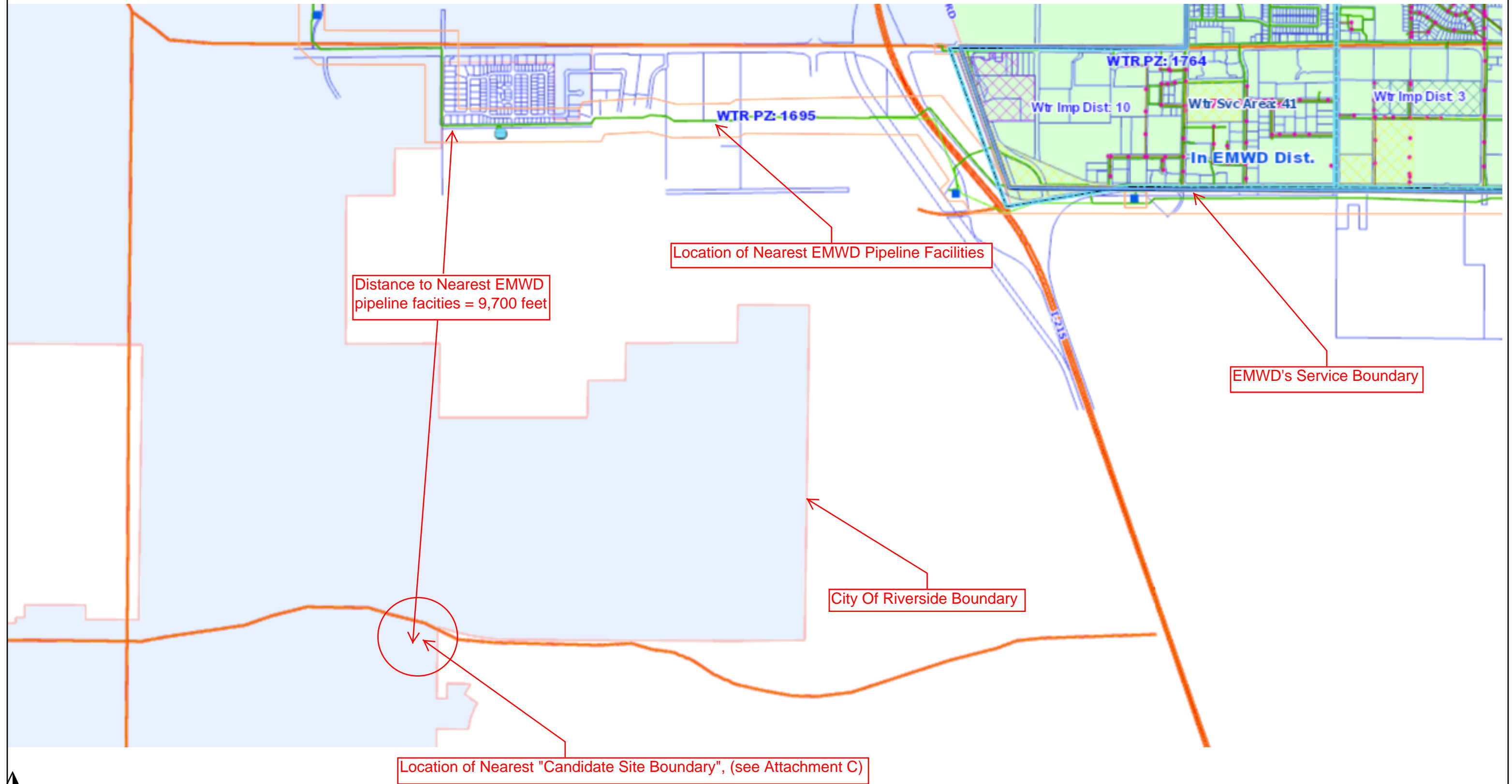
Michael Baker
INTERNATIONAL



04/17 | JN 158820

CITY OF RIVERSIDE 2014 - 2021 HOUSING ELEMENT UPDATE
PROJECT INFORMATION PACKET AND ENVIRONMENTAL CHECKLIST
Candidate Sites Location Map – Ward 4

Exhibit 3d



Steele, Noelle

From: Garcia, Rita
Sent: Friday, April 14, 2017 9:32 AM
To: okhoury@riversideca.gov
Cc: Steele, Noelle
Subject: City of Riverside 2014-2021 Housing Element Update Environmental Impact Report
Attachments: Water Service Questionnaire - RPU.pdf; NOP Packet_041017.pdf

To Mr. Khoury,

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Sincerely,

Rita Garcia | Technical Manager

Planning/Environmental Sciences | Michael Baker International

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We Make a Difference

Water Service Questionnaire
City of Riverside 2014-2021 Housing Element Update EIR

1. Please indicate any existing water facilities on/near the candidate sites.
 - **See attached figure.**
2. Does the City have a water recycling program?
 - **Yes, the City has a recycled water program.**
3. What is the City's current and projected water demand and supply; annual use in acre-feet; daily flow in cubic feet per second (cfs); and peak demand in million gallons per day (MGD)?

- **See Table below:**

	Current	Projected
Water Demand	67,691 AF (CY 2016)	95,221 AF (2020 – UWMP)
Water Supply	67,691 AF (CY 2016)	116,903 AF available (2020 – UWMP)
Daily Flow	93 cfs (CY 2016, average)	<i>Source: 2015 UWMP</i>
Peak Demand	88 MGD (CY 2016)	

4. What is the Project's anticipated water demand based on the information provided?
 - **Estimated increase in water demand of 74 AFY.**
5. What is the current rate of local groundwater extraction and existing groundwater quality?
67,691 AF (CY 2016). All of the City's groundwater comes from groundwater resources in the San Bernardino, Bunker Hill and Riverside Basins. Treatment plants help clean the water from any contaminants and all water sources are blended at a central location before it enters the City's distribution systems. Riverside's water meets or surpasses all State Water Resources Control Board and U.S. Environmental Protection Agency standards for drinking water quality. Will the proposed Project have an impact on groundwater quality? No.
6. Will the proposed Project require new water facilities or additions to existing facilities? **No.** If so, please describe the new facilities or modifications to existing facilities.
7. Are there sufficient water supplies available to serve the Project from existing entitlement and resources, or are new or expanded entitlement needed? **Yes, sufficient water supplies are available per the 2015 Urban Water Management Plan.**
8. Is there any other relevant information regarding the Project's potential significant effects? **No.**

RPU Facility

USE

- RESERVOIR
- INTERCONNECT
- BOOSTER
- IRRIGATION WELL
- MONITORING WELL

- RPU Water Pipeline
- EIR Site
- 1/4 Mile EIR Buffer
- RPU Service Area

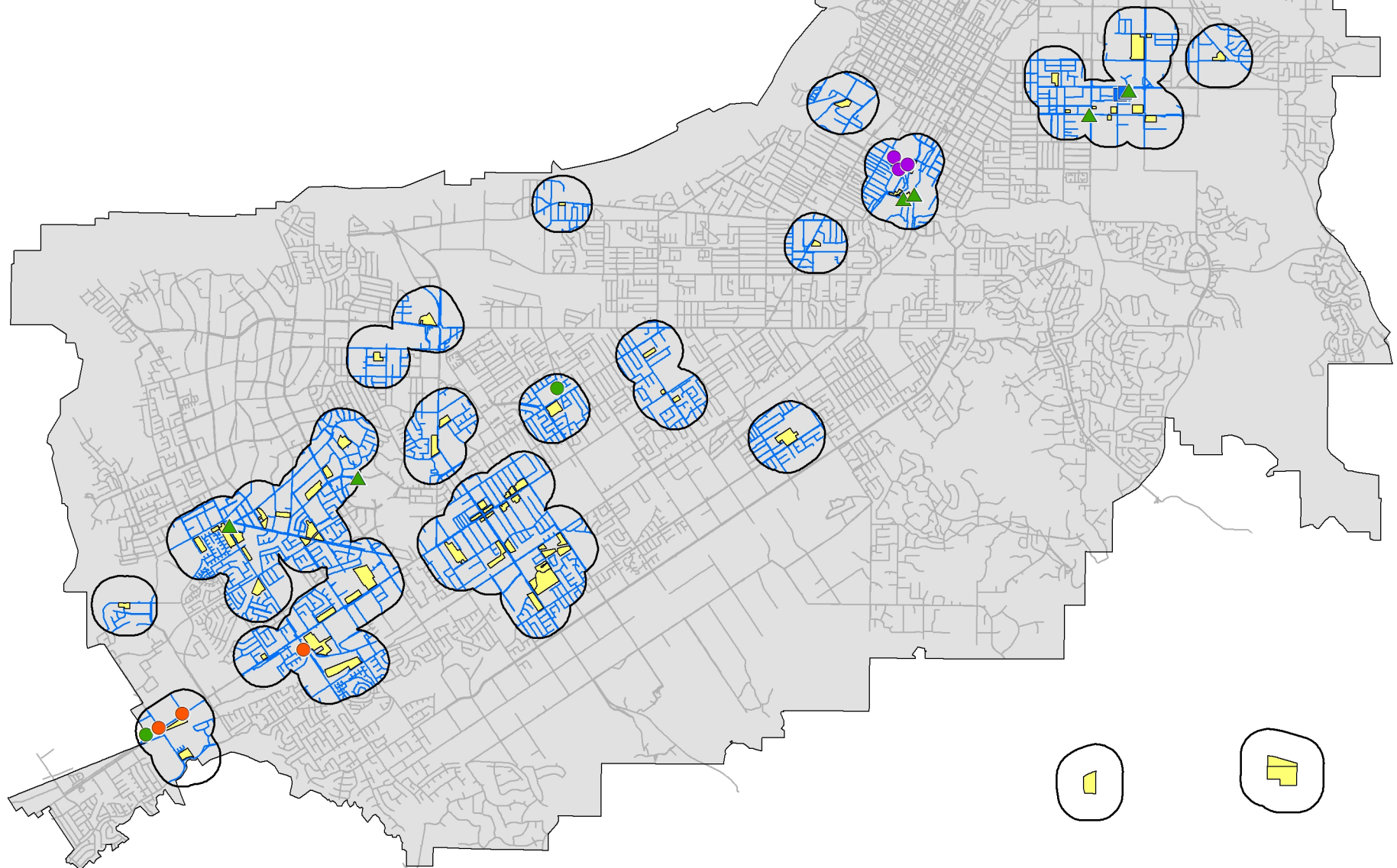
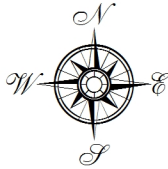


Table 1-1. Actual and Projected Demands

Level of Treatment When Delivered	Use Type	2015	2020	2025	2030	2035	2040
Drinking Water	Single Family	26,897	29,931	31,064	32,241	33,462	34,730
Drinking Water	Multi-Family	4,821	5,365	5,568	5,779	5,998	6,225
Drinking Water	Commercial/Institutional	8,950	9,959	10,337	10,728	11,135	11,556
Drinking Water	Industrial	8,847	9,845	10,218	10,605	11,006	11,423
Drinking Water	Landscape	1,842	1,050	100	150	200	250
Drinking Water	Agricultural irrigation	1,534	1,707	1,772	1,839	1,908	1,981
Drinking Water	Other	333	371	385	399	414	430
Drinking Water	Deliveries to WMWD	1,442	4,300	4,300	4,300	4,300	4,300
Drinking Water	Wholesale to HGCWD	180	0	0	0	0	0
Drinking Water	UCR Demand related to UCR Expansion	0	3,300	3,300	3,300	3,300	3,300
Drinking Water	California Baptist University additional demand	0	150	150	150	150	150
Drinking Water	GCC (Upper)	5,783	6,000	6,000	6,000	6,000	6,000
Raw Water	GCC (Lower)	6,139	7,000	7,000	7,000	7,000	7,000
Raw Water	Overlying Uses	901	1,200	1,200	1,200	1,200	1,200
Raw Water	WMWD	662	2,500	2,500	2,500	2,500	2,500
Drinking Water	Potable Losses	6,302	5,278	5,375	5,559	5,750	5,948
Raw Water	Irrigation Water Loss	295	835	835	835	835	835
Total Raw and Potable		74,928	88,791	90,104	92,585	95,159	97,827
Recycled Water	Landscape Irrigation	200	260	260	260	260	260
Recycled Water	Jackson Street Pipeline	0	3,370	3,370	3,370	3,370	3,370
Recycled Water	Arlington Avenue Pipeline	0	1,600	1,600	1,600	1,600	1,600
Recycled Water	Regional Concept Pipeline	0	1,200	1,200	1,200	1,200	1,200
Total Recycled Water		200	6,430	6,430	6,430	6,430	6,430
Total Demand		75,128	95,221	96,534	99,015	101,589	104,257
Notes:							
Overlying uses include local demand for irrigation water met with production from RPU wells.							

Retail water deliveries include potable and recycled water sales to retail customers within the RPU service area. Wholesale deliveries include potable and non-potable water sales to other water retailers. RPU wholesales potable water to the Home Gardens County Water District (HGCWD) and Western Municipal Water District (WMWD). RPU wholesales non-potable water to WMWD. RPU exchanges potable and non-potable water to the GCC at the lower connection to the Gage Canal. Additional water uses include nonrevenue water, including system losses.

In accordance with the requirements of Senate Bill No. X7-7 (i.e. Water Conservation Act of 2009), water retailers must establish an urban water use target for 2020, which reduces their urban per capita water use by 20 percent from their baseline water use, and must establish an interim urban water use target for 2015, which reduces their urban per capita water use by 10

Table 1-3. Actual and Planned Supplies

Water Supply	Additional Detail on Water Supply	2015 Actual	2020	2025	2030	2035	2040
Groundwater	Bunker Hill	53,793	55,263	55,263	55,263	55,263	55,263
Groundwater	Banking BH Conjunctive Use	0	0	2,000	2,000	2,000	2,000
Groundwater	Seven Oaks Dam Phase II (Enhanced)	0	1,000	1,000	1,000	1,000	1,000
Groundwater	BH Active Recharge 2025	0	0	1,500	1,500	1,500	1,500
Groundwater	Riverside North	6,357	10,902	10,902	10,902	10,902	10,902
Groundwater	RNASR	0	2,000	2,000	2,000	2,000	2,000
Groundwater	Riverside South	13,571	16,880	16,880	16,880	16,880	16,880
Groundwater	Box Springs	0	0	0	2,800	2,800	2,800
Groundwater	Columbia, Etc. Stormwater	0	0	1,500	1,500	1,500	1,500
Groundwater	Rialto-Colton	1,205	2,728	2,728	2,728	2,728	2,728
Recycled water	RWQCP	200	6,430	6,430	6,430	6,430	6,430
Purchased or Imported Water	From WMWD	0	21,700	21,700	21,700	21,700	21,700
Total		75,126	116,903	121,903	124,703	124,703	124,703
Notes: Imported water from WMWD is shown as a supply available to RPU. RPU intends to use this supply only if needed.							

1.4 Water Supply Reliability

RPU's available source waters include groundwater, recycled water, and imported water. RPU plans to augment groundwater production through conjunctive use projects that recharge surface water, recycled water, and/or imported water.

Local groundwater supplies account for most of RPU's water supplies, with approximately 60 percent originating from the Bunker Hill Basin, which is adjudicated. RPU's water rights are based on the long-term safe yield from the Bunker Hill Basin, which includes wet, dry, and normal periods. RPU's wells are generally located in the section of the basin with the greatest thickness of water bearing layers. Thus, RPU's water supply from the Bunker Hill Basin is considered reliable during single and multi-year dry periods.

To increase water supply reliability, RPU intends to augment natural recharge in the Bunker Hill and Riverside basins through conjunctive use projects identified in Table 1-2. These projects capture excess surface water flows when they are available and put the water in storage in the groundwater basins, from where it can be withdrawn during dry periods. The quantity of surface water recharge from these projects is dependent on the hydrologic conditions in the Santa Ana River Watershed. However, in wet years, above average recharge will occur and, in

Steele, Noelle

From: Garcia, Rita
Sent: Friday, April 14, 2017 9:35 AM
To: awashington@riversideca.gov
Cc: Steele, Noelle
Subject: City of Riverside 2014-2021 Housing Element Update Environmental Impact Report
Attachments: NOP Packet_041017.pdf; Solid Waste Questionnaire - Riverside Public Works.pdf

To Mr. Washington,

Michael Baker International (Michael Baker) has been contracted by the City of Riverside to prepare an Environmental Impact Report (EIR) for the 2014-2021 Housing Element Update (Project). Michael Baker is seeking your input/response, to be incorporated into the EIR, concerning services provided by your agency/company. A questionnaire (attached to this email) identifies relevant issues to be addressed in the EIR.

The Project involves updating the City of Riverside Housing Element, one of 12 City of Riverside General Plan Elements. The Housing Element identifies and analyzes existing and projected housing needs, and articulates the City's official policies for preservation, conservation, improvement, and production of housing within the City. The Project would involve General Plan land use amendments/zone changes to as many as 395 acres (303 parcels). If approved, the Project would allow for the development of as many as 11,675 dwelling units (DU) and as much as 7.2 million square feet (SF) of non-residential land uses. The residential uses (approximately 66 DU) and non-residential uses (1.3 million SF) located on the candidate sites would be replaced by the proposed residential and mixed uses. Overall, Project implementation is anticipated to result in a net increase of as many as 11,649 DU and as much as 5.9 million SF of non-residential uses over existing conditions. Additional Project characteristics are provided in the attached Notice of Preparation Packet.

We would greatly appreciate your assistance and cooperation in providing your responses and the information specified in the attached questionnaire. Please provide your written response on agency letterhead. In order for the consultant team to maintain the Project's schedule, your written response by April 26, 2017 would be appreciated. For your convenience, you may fax your response to 949.837.4122 or email to rgarcia@mbakerintl.com.

If you have any questions or require additional information, please do not hesitate to contact me at 949.472.3454 or at rgarcia@mbakerintl.com.

Sincerely,

Rita Garcia | Technical Manager

Planning/Environmental Sciences | Michael Baker International

****Please make note of my new address. Our telephone numbers will remain unchanged.****

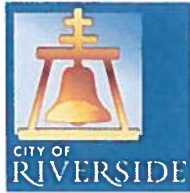
5 Hutton Centre Drive, Suite 500 | Santa Ana | CA | 92707

o: 949.742.3505 | d: 949.472.3454 | c: 714.345.7482

Rgarcia@mbakerintl.com | www.mbakerintl.com



We Make a Difference



City of Arts & Innovation

May 5, 2017

Rita Garcia
Technical Manager
5 Hutton Centre Drive, Suite 500
Santa Ana, CA 92707

**Solid Waste Service Questionnaire / City OF RIVERSIDE 2014-2021 HOUSING ELEMENT UPDATE
ENVIRONMENTAL IMPACT REPORT:**

Please respond to the following questions on your agency/company letterhead, providing as much information as possible (necessary to evaluate potential Project impacts).

1. Which landfills are presently used to dispose of solid waste generated from the Project area?

Badlands Landfill, Moreno Valley, CA
Lambs Canyon Landfill, Beaumont, CA
El Sobrante Landfill, Corona, CA
Mid Valley Landfill, Rialto, CA

2. What is the Project's estimated solid waste generation based upon the information provided?

Residential Construction:

7.2 million Sq. ft (Estimated Construction debris (C&D) generated 4.39 pounds per square feet)
(7200000 X 4.39 = 31608000lbs or 15804 tons) Estimated C&D for the Project

*Square footage of dwellings, materials, and foundations types can affect the amount of waste produced during construction. The above numbers are just an estimate.

3. Do the landfill(s) have sufficient permitted capacity to accommodate the Project's solid waste disposal needs?

Yes

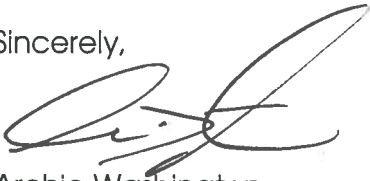
4. Will solid waste pickup service be available to the Project area?

Yes

5. Do you anticipate any Project impacts concerning solid waste service?

Not at this time, but if the information you provided changes the EIR will have to be updated.

Sincerely,

A handwritten signature in black ink, appearing to read 'Archie Washington', with a stylized, flowing script.

Archie Washington
Field Services Operations Manager
Public Works Solid Waste Division